

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (Withdrawn) A method for constructing a strain of diploid fungal cells in which both alleles of a gene are modified, the method comprising the steps of:

(a) modifying a first allele of a gene in diploid fungal cells by recombination using a gene disruption cassette comprising a first nucleotide sequence encoding an expressible selectable marker, thereby providing heterozygous diploid fungal cells in which the first allele of the gene is inactivated; and

(b) modifying the second allele of the gene in the heterozygous diploid fungal cells by recombination using a promoter replacement fragment comprising a second nucleotide sequence encoding a heterologous promoter, such that expression of the second allele of the gene is regulated by the heterologous promoter; and

wherein the gene encodes a polypeptide consisting essentially of an amino acid sequence selected from the group consisting of SEQ ID NOs: 7001 to 7932.

Claims 2-31 (Canceled)

Claim 32 (Currently amended): A purified or isolated nucleic acid molecule ~~comprises~~ comprising a nucleotide sequence encoding a gene product required for proliferation of *Candida albicans*, wherein said gene product ~~consisting~~ consists essentially of the amino acid sequence of SEQ ID NO: 7068 ~~an amino acid sequence of one of SEQ ID NO: 7001 to 7932.~~

Claim 33 (Currently amended): The nucleic acid molecule of claim 32, wherein said nucleotide sequence is SEQ ID NO: 6068 ~~one of SEQ ID NO: 6001 to 6932.~~

Claims 34-38 (Canceled)

Claim 39 (Currently amended): A vector comprising a promoter operably linked to the nucleic acid molecule of claim 32 or 33 ~~32, 33, 34, 35, or 37~~.

Claim 40 (Original): The vector of claim 39, wherein said promoter is regulatable.

Claim 41 (Original): The vector of claim 39, wherein said promoter is active in an organism selected from the group consisting of *Absidia corymbigera*, *Aspergillus flavis*, *Aspergillus fumigatus*, *Aspergillus niger*, *Botrytis cinerea*, *Candida albicans*, *Candida dublinensis*, *Candida glabrata*, *Candida krusei*, *Candida parapsilopsis*, *Candida tropicalis*, *Coccidioides immitis*, *Cryptococcus neoformans*, *Erysiphe graminis*, *Exophiala dermatitidis*, *Fusarium oxysporum*, *Histoplasma capsulatum*, *Magnaporthe grisea*, *Mucor rouxii*, *Pneumocystis carinii*, *Puccinia graminis*, *Puccinia recodita*, *Puccinia striiformis*, *Rhizomucor pusillus*, *Rhizopus arrhizus*, *Septoria avenae*, *Septoria nodorum*, *Septoria triticii*, *Tilletia controversa*, *Tilletia triticii*, *Trichosporon beigelii*, and *Ustilago maydis*.

Claim 42 (Original): A host cell containing the vector of claim 39.

Claim 43 (Canceled)

Claim 44 (Withdrawn): A purified or isolated polypeptide obtained from an organism other than *Candida albicans* or *Saccharomyces cerevisiae* comprising an amino acid sequence having at least 30% similarity to an amino acid sequence selected from the group consisting of one of SEQ ID NO: 7001 to 7932 as determined using FASTA version 3.0t78 with the default parameters.

Claims 45-77 (Canceled)

Claim 78 (New): A recombinant gene comprising a nucleotide sequence encoding SEQ ID NO: 7068 operably linked to a heterologous regulatable promoter.

Serial No.: 10/032,585

Case No.: E1016Y

Claim 79 (New): The recombinant gene of claim 78, wherein said nucleotide sequence is SEQ ID NO: 6068.

Claim 80 (New): A host cell comprising the recombinant gene of claim 79.

Claim 81 (New): The host cell of claim 80, wherein said recombinant gene is present in said host genome.